

Beta-galactosidase Recombinant Antibody | GLB1 recombinant antibody

Anti-Beta-galactosidase [13R4]

CATALOG # AAA71934	HOST Human	REACTIVITY E Coli	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

Beta-galactosidase; Anti-Beta-galactosidase [13R4]; beta-gal; Acid beta galactosidase; Beta galactosidase 1; beta-galactosidase; EBP; ELNR1; Galactosidase beta 1; GLB1; MPS4B; GLB1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Human
Reactivity	E Coli
Isotype	Human IgG1, lambda
Clone Number	13R4
Specificity	13R4 recognizes wild-type E Coli beta-galactosidase.
Purity/Purification	Protein A Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	677
Applicable Applications for GLB1 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Beta-galactosidase.
Chimeric Use Statement	This is a chimeric antibody created as part of a panel offering antibodies of the same specificity in different formats (species, isotype, subtype and modified versions) for use as isotype controls.
Note of Publication	Describes the parent scFv13 antibody improved by four rounds of random mutagenesis leading to optimised scFv13R4; scFv13R4 was selected for its capacity to fold correctly in a reducing environment such as the cytoplasm.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for GLB1 recombinant antibody	Recombinant monoclonal antibody to Beta-galactosidase. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the scFv 13R4. This is a chimeric antibody created as part of a panel offering antibodies of the same specificity in different formats (species, isotype, subtype and modified versions) for use as isotype controls.
Product Categories/Family for GLB1 recombinant antibody	Neg control ; Bacteria ; Isotype control
References	Martineau P, Jones P, Winter G. Expression of an antibody fragment at high levels in the bacterial cytoplasm. J Mol Biol. 1998 Jul 3; 280(1):117-27. PMID:9653035

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273939
NCBI GeneID	2720
UniProt Accession #	P00722; P16279; B2R7H8; B7Z6B0; P16278
NCBI Official Full Name	Beta-galactosidase
NCBI Official Synonym Full Names	galactosidase beta 1
NCBI Official Symbol	GLB1
NCBI Official Synonym Symbols	EBP; ELNR1; MPS4B
NCBI Protein Information	beta-galactosidase
UniProt Protein Name	Beta-galactosidase
UniProt Gene Name	GLB1
UniProt Synonym Gene Names	ELNR1; Lactase
UniProt Entry Name	BGAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-e-coli-recombinant-antibody/beta-galactosidase/71934>